

(a) forming a model of a patient's dentition including surfaces corresponding to the dental structure nearby the location that the dental prosthesis is to be placed in the mouth of a patient,

(b) creating three dimensional digital data corresponding to the said surfaces, and based on said data corresponding to the said surfaces, creating three dimensional digital data substantially corresponding to the dental prosthesis to be manufactured,

(c) transmitting said three dimensional digital data of said dental prosthesis to be manufactured to automated prototyping equipment, and

(d) using the automated prototyping equipment making from a wax material the pattern of said dental prosthesis to be manufactured based upon said three dimensional digital data of said dental prosthesis.

14 (re-presented in independent form) The dental prosthesis made in accordance with the method of Claim 10 a method of manufacturing, comprising the steps of

(a) forming a model of a patient's bite registration including surfaces corresponding to the dental structure nearby the location that the dental prosthesis is to be placed in the mouth of a patient,

(b) creating three dimensional digital data corresponding to the said surfaces, and based on said data corresponding to the said surfaces, creating three dimensional digital data substantially corresponding to the dental prosthesis to be manufactured,

(c) transmitting said three dimensional digital data of said dental prosthesis to be manufactured to automated prototyping equipment,

(d) using the automated prototyping equipment making from a wax material the pattern of said dental prosthesis to be manufactured based upon said three dimensional digital data of said dental prosthesis, and

(e) using said pattern in the loss wax investment casting process manufacturing said dental prosthesis.